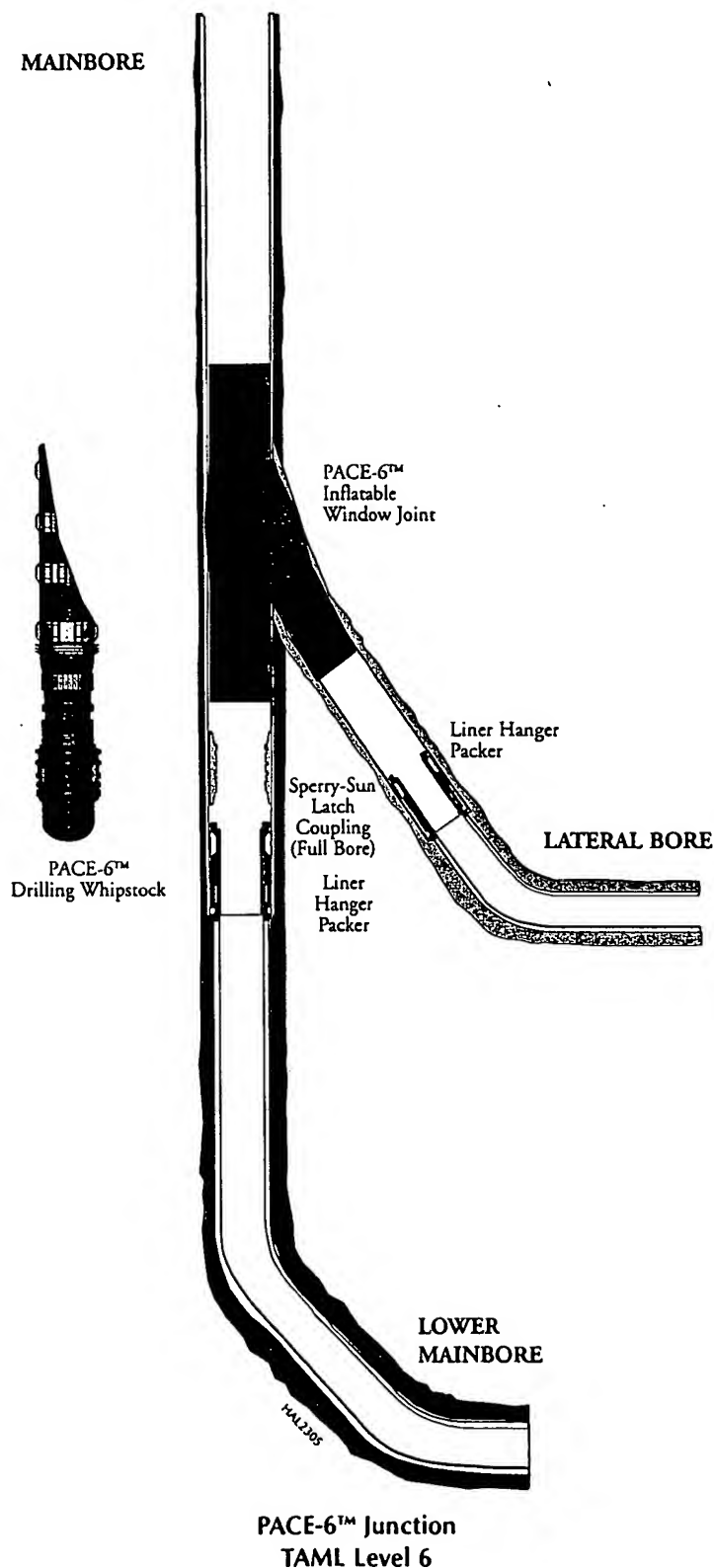


Multilateral Services Profile

PACE-6™ Pressure-Actuated Casing Exit System LatchMaster™ Pre-milled Window Systems



Application

The PACE-6™ system is designed to create a level 6 junction for multilateral wells that have mechanical and hydraulic pressure integrity at the junction using casing. This system incorporates an expandable metal window joint that inflates to form a junction with full-bore access to both the lateral and mainbore. The full casing integrity eliminates sand production at the junction. The PACE-6™ system is for use in new wells drilled from land or offshore locations. Primary uses are to maximize production per wellhead location by increasing reservoir exposure and to isolate the junction from sand production. Other applications include in-fill development, slot-constrained platforms, access to discrete zones or blocks with large reserves and high production rates, and areas where environmental considerations require minimum wellhead sites.

Features

- Pre-milled PACE-6™ window joint with orienting latch coupling
- Milling free system for maximum debris control
- Full-bore access to completed mainbore
- Full-bore access to completed lateral
- Precise depth and azimuth control using latch coupling

Benefits

- Applicable to new wells
- Can be completed as level 6 junction
- Can be developed bottom up or top down as required
- Mechanical and hydraulic integrity of level 6 junction with casing
- No milling or washover required to re-open the mainbore
- Permanent downhole latch coupling reference for depth and orientation control
- Junction can be completed with a through-tubing LRST™ lateral re-entry system to lateral
- Junction can be completed and isolated with MSCS® multi-string completion system
- Compatible with all SmartWell™ designs

Multilateral Services *Specifications*

PACE-6™ Pressure-Actuated Casing Exit System LatchMaster™ Pre-milled Window Systems



Typical Installation Sequence

- Install mainbore casing with inflatable window joint. Inflare window and cement.
- Drill mainbore as required.
- Run in hole lower mainbore liner and liner hanger packer and cement as required.
- Run in hole and set drilling whipstock.
- Drill lateral as required.
- Run in hole lateral liner and liner hanger packer and cement as required.
- Retrieve drilling whipstock.
- Install completion and flow well.

PACE-6™ System Specifications

TAM Level 6	
System casing size	7 in. 177.8 mm
Casing weight	26-29 lb/ft
Window type	Inflatable window
Window access ID	6-1/8 in. x 6-1/8 in. x 6-1/8 in.
Lateral access	6 in.
Lower mainbore access	6 in.
Burst pressure rating	4,000 psi
Collapse pressure rating	2,000 psi

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DRILLING SERVICES

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